

S/N 10/786,677

SEP 15 2005

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Stewart S. Taylor et al.

Examiner: Lam T. Mai

Serial No.: 10/786,677

Group Art Unit: 2819

Filed: February 25, 2004

Docket: 884.B91US1

Title: AMPLIFIER DISTORTION MANAGEMENT APPARATUS, SYSTEMS, AND  
METHODS (As Amended)

Assignee: Intel Corporation

Customer No: 21186

**AMENDMENT TO CORRECT INVENTORSHIP PURSUANT TO 37 C.F.R. 1.48(a)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.48(a), please correct the inventorship of the above-identified application from the inventorship of Stewart S. Taylor and Ian A. Rippke to the inventorship of Stewart S. Taylor, Ian A. Rippke and Georgios Palaskas.

This amendment is accompanied by: (a) a Substitute Declaration and Power of Attorney signed by the Georgios Palaskas; (b) a Substitute Declaration and Power of Attorney signed by Stewart S. Taylor and Ian A. Rippke; (c) a Petition to Correct Inventorship Pursuant to 37 C.F.R. § 1.48(a) signed by Georgios Palaskas; (d) authorization to charge Deposit Account No. 19-0743 in the amount of the petition fee of \$130.00; and (e) the executed Consent of Assignee to Correction of Inventorship. Additionally enclosed is an Assignment to Intel Corporation by Georgio Palaskas including cover sheet and \$40 fee for recordation.

09/19/2005 MAHME1 00000085 190743 10786677

01 FC:1464 130.00 DA

Serial Number: 10/786,677

Dkt: 884.B91US1

Filing Date: February 25, 2004

Title: AMPLIFIER DISTORTION MANAGEMENT APPARATUS, SYSTEMS, AND METHODS (As Amended)

Assignee: Intel Corporation

Since the error arose without any deceptive intention on the part of the individual, who through error, was not named as an inventor, it is submitted that the entry of this amendment is appropriate and is respectfully requested.

Respectfully submitted,

STEWART S. TAYLOR ET AL.

By their Representatives,  
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Attorneys for Intel Corporation  
P.O. Box 2938  
Minneapolis, Minnesota 55402  
612-349-9592

Date Sept. 13, 2005 By Ann M. McCrackin  
Ann M McCrackin  
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 13th day of September 2005.

John R. Givner-Wrathall  
Name

John R. Givner-Wrathall  
Signature



S/N 10/786,677

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Stewart S. Taylor et al.	Examiner:	Unknown
Serial No.:	10/786,677	Group Art Unit:	2817
Filed:	February 25, 2004	Docket:	884.B91US1
Title:	DISTORTION MANAGEMENT APPARATUS, SYSTEMS, AND METHODS		
Assignee:	Intel Corporation	Customer No:	21186

PETITION TO CORRECT INVENTORSHIP UNDER 37 C.F.R. 1.48(a)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I, Georgios Palaskas, make this petition pursuant to 37 C.F.R. §1.48(a), to correct the inventorship of the invention claimed in the above-identified patent application, U.S. Patent Application Serial No. 10/786,677, filed on February 25, 2004.

When the present application was filed, Stewart S. Taylor and Ian A. Rippke were named as the inventors. However, after the present application was filed, patent counsel for Applicants determined that I, Georgios Palaskas, was a co-inventor of the subject matter claimed at the time the present application was filed. Petitioner hereby requests that Georgios Palaskas be added as inventor of the above-identified application.

Furthermore, Georgios Palaskas hereby states that this error in inventorship, as set forth in error in the executed 37 C.F.R. 1.63 declaration filed on February 25, 2004 in the above-identified application, arose without deceptive intent on my part.

Therefore, correction of the inventorship of the present application is appropriate under 37 C.F.R. 1.48(a), and is respectfully requested.

The Examiner is hereby authorized to charge **Deposit Account No. 19-0743** for the fee of \$130.00 as required under 37 C.F.R. 1.17(i).

Date

12/3/2004  
Georgios Palaskas**BEST AVAILABLE COPY**



S/N 10/786,677

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Stewart S. Taylor et al.	Examiner:	Unknown
Serial No.:	10/786,677	Group Art Unit:	2817
Filed:	February 25, 2004	Docket:	884.B91US1
Title:	DISTORTION MANAGEMENT APPARATUS, SYSTEMS, AND METHODS		
Assignee:	Intel Corporation	Customer No:	21186

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CONSENT OF ASSIGNEE TO CORRECTION OF INVENTORSHIP

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

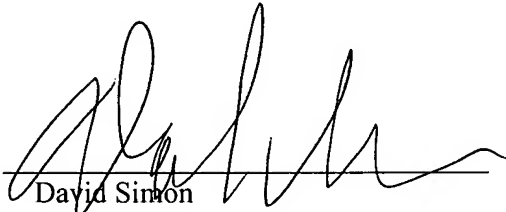
Intel Corporation, 2200 Mission College Blvd., Santa Clara, CA 95052, being the owner of the above-identified application, as evidenced by the Assignment recorded with the U.S. Patent Office on February 25, 2004 at Reel 015026, Frames 0124-0128, hereby consents to the change of inventorship in the above-identified application from the inventorship of Stewart S. Taylor and Ian A. Rippke, to the inventorship of Stewart S. Taylor, Ian A. Rippke and Georgios Palaskas.

I declare that I am an Official of the Assignee who is empowered to authorize this consent.

Date:

11/30/04

By:

  
David Simon  
Chief Patent Counsel



SCHWEEGLER ■ LUNDBERG ■ WOESSNER ■ KLUTH

## United States Patent Application

### SUBSTITUTE COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **DISTORTION MANAGEMENT APPARATUS, SYSTEMS, AND METHODS.**

The specification of which was filed on February 25, 2004 as application serial no. 10/786,677.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

**No such claim for priority is being made at this time.**

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

**No such claim for priority is being made at this time.**

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**No such claim for priority is being made at this time.**

**I hereby appoint the attorney(s) and/or patent agent(s) associated with Customer Number 45457 to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.**

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

**Please direct all correspondence in this case to Customer Number 21186 at the address indicated below:**

**Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938, Minneapolis, MN 55402  
Telephone No. (612)373-6900**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

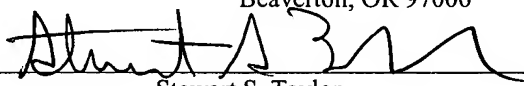
Full Name of joint inventor number 1 : Stewart S. Taylor

Citizenship: United States of America

Residence: Beaverton, OR

Post Office Address: 16927 NW Hazelgrove Ct.  
Beaverton, OR 97006

Signature: \_\_\_\_\_

  
Stewart S. Taylor

Date: \_\_\_\_\_

11/29/04

☒ Additional inventors are being named on separately numbered sheets, attached hereto.

Full Name of joint inventor number 2 : **Ian A. Rippke**  
Citizenship: **United States of America** Residence: **Ithaca, NY**  
Post Office Address: 719 Triphammer Road  
Apt. B  
Ithaca, NY 14850

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Ian A. Rippke

---

Full Name of joint inventor number 3 : **Georgios Palaskas**  
Citizenship: **Greece (Hellenic Republic)** Residence: **Portland, OR**  
Post Office Address: 901 SW King Avenue  
Apt. 710  
Portland, OR 97205

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Georgios Palaskas

---

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

## United States Patent Application

### SUBSTITUTE COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **DISTORTION MANAGEMENT APPARATUS, SYSTEMS, AND METHODS.**

The specification of which was filed on February 25, 2004 as application serial no. 10/786,677.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Attorney Docket No.: 884.B91US1  
Serial No. 10/786,677  
Filing Date: February 25, 2004

Page 2 of 4

I hereby appoint the attorney(s) and/or patent agent(s) associated with Customer Number 45457 to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1: Stewart S. Taylor

Citizenship: United States of America

Residence: Beaverton, OR

Post Office Address: 16927 NW Hazelgrove Ct.  
Beaverton, OR 97006

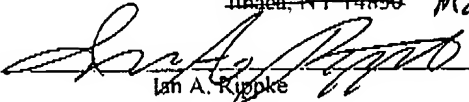
Signature: \_\_\_\_\_  
Stewart S. Taylor

Date: \_\_\_\_\_

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Attorney Docket No.: 884.B91USI  
Serial No. 10/786,677  
Filing Date: February 25, 2004

Page 3 of 4

Full Name of joint inventor number 2 : Ian A. Rippke  
Citizenship: United States of America Residence: ~~Utica, NY~~ Macungie, PA  
Post Office Address: 719 Triphammer Road 6701 Mink Rd.  
~~Apt. B~~  
Utica, NY 14850 Macungie, PA 18062  
Signature:  Date: 12/6/04  
Ian A. Rippke

---

Full Name of joint inventor number 3 : Georgios Palaskas  
Citizenship: Greece (Hellenic Republic) Residence: Portland, OR  
Post Office Address: 901 SW King Avenue  
Apt. 710  
Portland, OR 97205  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Georgios Palaskas

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Attorney Docket No.: 884,891 US1  
Serial No. 10/786,677  
Filing Date: February 25, 2004

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Page 4 of 4

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- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

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SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

# United States Patent Application

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Attorney Docket No.: 884.B91US1  
Serial No. 10/786,677  
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Page 2 of 4

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Full Name of joint inventor number 1 : **Stewart S. Taylor**  
Citizenship: **United States of America**  
Post Office Address: **16927 NW Hazelgrove Ct.**  
**Beaverton, OR 97006**

Residence: **Beaverton, OR**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Stewart S. Taylor

☒ Additional inventors are being named on separately numbered sheets, attached hereto.

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Attorney Docket No.: 884.B91US1

Serial No. 10/786,677

Filing Date: February 25, 2004

Page 3 of 4

Full Name of joint inventor number 2 : Ian A. Rippke  
Citizenship: United States of America  
Post Office Address: 719 Triphammer Road  
Apt. B  
Ithaca, NY 14850

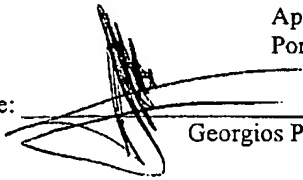
Residence: Ithaca, NY

Signature: \_\_\_\_\_  
Ian A. Rippke

Date: \_\_\_\_\_

Full Name of joint inventor number 3 : Georgios Palaskas  
Citizenship: Greece (Hellenic Republic)  
Post Office Address: 901 SW King Avenue  
Apt. 710  
Portland, OR 97205

Residence: Portland, OR

Signature:  \_\_\_\_\_  
Georgios Palaskas

Date: 12/3/2004

BEST AVAILABLE COPY

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(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

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